

Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

(Use several sheets if necessary)

ATTY. DOCKET NO.  
2185-0719PAPPLICATION NO.  
NEWAPPLICANT  
MACHIGUCHI et al.FILING DATE  
March 12, 2004GROUP  
UNASSIGNED**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
JAN	US 4,808,501		1989-02-28	Chiulli	—	—	
JAN	US 5,876,895		1999-03-02	Hishiro et al.	—	—	
JAN	US 6,203,951	B1	2001-03-20	Furukawa et al.	—	—	
JAN	US 4,963,463		1990-10-16	Koshiba et al.	—	—	
	US						
	US						
	US						
	US						
	US						
	US						

**FOREIGN PATENT DOCUMENTS**

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
JAN		635182	A	1994-02-10	JAPAN	—	—	Abs	
JAN		10-288708		1998-10-27	JAPAN	—	—		
JAN		EP0947563	A1	1999-10-06	EPO	—	—		
JAN		9118836		1997-05-06	JAPAN	—	—	Abs	
JAN		2000122278		2000-04-28	JAPAN	—	—	Abs	
JAN		6-294909		1994-10-21	JAPAN	—	—	Abs	

**OTHER DOCUMENTS** (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)


EXAMINER

John McPherson

DATE CONSIDERED

6/29/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.